



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:										
Lined MSWLF		LCID		YW		Transfer		Compost		COUNTY: Alexander PERMIT NO.: 02-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		
CDFL	X	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		

Date of Site Inspection: May 29, 2014

Date of Last Inspection: October 1, 2013

FACILITY NAME AND ADDRESS:

Alexander County Construction and Demolition Landfill
 2500 Paynes Dairy Road
 Taylorsville, North Carolina 28681

GPS COORDINATES: **N:** 35.8335 **W:** 81.1534

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Josh Mitchell, Solid Waste Director
 Telephone: (828) 217-0324
 Email address: jmitchell@alexandercountync.gov

FACILITY CONTACT ADDRESS:

621 Liledoun Road Box 12
 Taylorsville, North Carolina 28681

PARTICIPANTS:

Josh Mitchell, Solid Waste Director
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate Phase 1, A C&D Landfill on top of a closed MSW Landfill and Post Closure Care Requirements for the Closed unlined MSW Unit was issued to Alexander County on November 10, 2010 and shall expire on November 10, 2015.

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS

1. The facility has a service area of Alexander County only.
2. Tonnage records for October 2013 through May 2014 were verified. The facility received approximately 10 tons of waste each operating day during this period.

Records Review:

3. The permit and operations plan were verified. Both documents were current and available upon request.
4. Water quality monitoring was being performed semi-annually as required. Second semi-annual monitoring results (performed December 16-18, 2013) and first semi-annual monitoring results (performed June 25-28, 2014) were verified.
5. Methane monitoring was being performed quarterly as required. Monitoring reports for 9/18/13, 12/18/13, and 3/27/14 were verified. No exceedences above applicable limits were observed. All methane monitoring is performed by Municipal Engineering Services Company, P.A.
6. Certified Landfill Operations Specialists:
 - Freddie Mitchell (expires 2/27/16)
 - R.D. Story (expires 2/13/18)
7. Waste screening reports were reviewed. The reports were performed with good frequency and appeared to represent 1% of the waste stream. Reports also provided good documentation of observed unacceptable waste streams and final disposition of those wastes.
8. Soil cover records were reviewed. It appeared that soil cover was being applied weekly as required.

Operations inspection of the C&DLF Unit:

9. The working face was less than ½ acre in size at the time of inspection.
10. No unacceptable waste streams were observed.
11. Waste was being placed on the north side of the landfill at the time of inspection.
12. Inactive portions of the landfill had adequate soil cover.
13. Inactive slopes on the south side of the landfill had been seeded with some germination of seed. However, vegetative cover was not sufficient to restrain erosion at the time of inspection. Some eroded rills were observed. All eroded area should be repaired and stabilized with a groundcover sufficient to restrain erosion.
14. Some windblown waste was observed on the south side of the landfill, but it had not been deposited beyond the footprint of the landfill. Please ensure that all windblown waste is picked up at the end of the working day and returned to the working face.
15. A small amount of waste consisting of wood and plastic was observed in the ditchline below the working face. Please ensure that any waste deposited into the ditchline is removed and returned to the working face.
16. An area of damp soil measuring approximately 25' long by 5' to 12' wide was observed near the toe of the northern slope adjacent to the working face. This area was measured and found to be 120' east of the utility pole adjacent to the access road. Mr. Mitchell explained that this condition was a result of recent heavy rains. Please continue to monitor this area for development of leachate seeps.
17. Edge of waste markers were in place around the closed MSWLF
18. All access roads were of all-weather construction and well maintained.

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Please contact me if you have any questions or concerns regarding this inspection report.



Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Phone: (704) 235-2144

Sent on: <u>6/5/13</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Sarah M. Rice, Compliance Officer